

Amendments to the Claims:

Claims 26-35 are pending in this application. Claims 26-35 are independent. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-25 (CANCELLED):

26 (CURRENTLY AMENDED): A printing apparatus capable of printing an image on a plurality of types of printing media by selectively using a pigment ink and a dye ink, said apparatus comprising:

a discrimination portion for discriminating whether the type of said ink used for printing the image is said pigment ink or said dye ink;

a receiving portion for receiving a paper as a printing medium to be used for printing the image;

a storage portion for storing information indicating applicability relations between different types of said inks and different types of said printing media, the types of said printing media including a printing medium having the applicability relations with both said pigment ink and said dye ink, a printing medium having the applicability relation with said pigment ink but not having the applicability relation with said dye ink, and a printing medium having the applicability relation with said dye ink but not having the applicability relation with said pigment ink;

a display portion capable of displaying a plurality of types of said printing media;
display control means for controlling said display portion, on the basis of information indicating the type of said inks discriminated by said discrimination portion and said

information stored in said storage portion, to display the type of said printing medium having the applicability relation with the type of said ink discriminated by said discrimination portion, and not to display the type of said printing medium having no applicability relation with the type of said ink discriminated by said discrimination portion; and

a selection portion for selecting, from among two or more types of said printing media displayed by said display portion, the type of said printing medium received at said receiving portion thereby validating the received paper as said printing medium to be used for printing the image.

27 (CURRENTLY AMENDED): A printing apparatus capable of printing an image on a plurality of types of printing media by selectively using a plurality of types of printing materials, said apparatus comprising:

a discrimination portion for discriminating the type of said printing material used for printing of the image;

a receiving portion for receiving a paper as a printing medium to be used for printing the image;

a storage portion for storing information indicating applicability relations between different types of said printing materials and different types of said printing media;

a display portion for displaying all of the types of said printing media usable in said printing apparatus;

a selection portion for selecting, from the plurality of types of said printing media displayed by said display portion, the type of said printing medium received at said receiving

portion thereby validating the received paper as said printing medium to be used for printing the image; and

warning means for issuing a warning when the type of said printing medium selected by said selection portion does not have the applicability relation stored in said storage portion with the type of said printing material discriminated by the discrimination portion;

determining means for determining the type of said printing medium, as a printing medium to be used for said printing, which is the type of said printing medium warned by said warning means or the type of said printing medium which is not warned by said warning means, the type of printing medium being reselected by said selection portion after warned by said warning means.

28 (CURRENTLY AMENDED): An information processing apparatus connected to a printing apparatus capable of printing an image on a plurality of types of printing media by selectively using a plurality of types of inks including a pigment ink and a dye ink, said apparatus comprising:

an input portion for inputting the type of said ink used by said printing apparatus;

a receiving portion for receiving a paper as a printing medium to be used for printing the image;

a storage portion for storing information indicating applicability relations between different types of said inks and different types of said printing media, the types of said printing media including a printing medium having the applicability relations with both said pigment ink and said dye ink, a printing medium having the applicability relation with said pigment ink but not having the applicability relation with said dye ink, and a printing medium having the

applicability relation with said dye ink but not having the applicability relation with said pigment ink;

a display portion capable of displaying a plurality of types of said printing media;
display control means for controlling said display portion, on the basis of information indicating the type of said inks inputted from said input portion and said information stored in said storage portion, to display the type of said printing medium having the applicability relation with the type of said ink inputted from said input portion, and not to display the type of said printing medium having no applicability relation with the type of said ink inputted from said input; [[and]]

a selection portion for selecting, from among two or more types of said printing media displayed by said display portion, the type of said printing medium received at said receiving portion thereby validating the received paper as said printing medium to be used for printing the image;

warning means for issuing a warning when the type of said printing medium selected by said selection portion does not have the applicability relation stored in said storage portion with the type of said printing material discriminated by the discrimination portion; and

determining means for determining the type of said printing medium, as a printing medium to be used for said printing, which is the type of said printing medium warned by said warning means or the type of said printing medium which is not warned by said warning means, the type of printing medium being reselected by said selection portion after warned by said warning means.

29 (CURRENTLY AMENDED): A printing system including a printing apparatus capable of printing an image on a plurality of types of printing media by selectively using a pigment ink and dye ink, and information processing apparatus connected to said printing apparatus, said system comprising:

a discrimination portion for discriminating whether the type of said ink used for printing the image is said pigment ink or said dye ink;

a receiving portion for receiving a paper as a printing medium to be used for printing the image;

a storage portion for storing information indicating applicability relations between different types of said inks and different types of said printing media, the types of said printing media including a printing medium having the applicability relations with both said pigment ink and said dye ink, a printing medium having the applicability relation with said pigment ink but not having the applicability relation with said dye ink, and a printing medium having the applicability relation with said dye ink but not having the applicability relation with said pigment ink;

a display portion capable of displaying a plurality of types of said printing media;

display control means for controlling said display portion, on the basis of information indicating the type of said inks discriminated by said discrimination portion and said information stored in said storage portion, to display the type of said printing medium having the applicability relation with the type of said ink discriminated by said discrimination portion, and not to display the type of said printing medium having no applicability relation with the type of said ink discriminated by said discrimination portion; and

a selection portion for selecting, from among two or more types of said printing media displayed by said display portion, the type of said printing medium received at said receiving portion thereby validating the received paper as said printing medium to be used for printing the image.

30 (CURRENTLY AMENDED): A method for selecting a printing medium from among a plurality of types of printing media, on which an image is printed, when printing the image by selectively using a pigment ink and dye ink, said method comprising the steps of:

discriminating whether the type of said ink used for printing the image is said pigment ink or said dye ink;

receiving a paper as a printing medium to be used for printing the image;

displaying reference information for selecting said printing medium on which the image is printed on the basis of the type of ink discriminated by said discriminating step[[,]] ;
and

selecting, from among two or more types of said printing media displayed, the type of said printing medium received at said receiving step thereby validating the received paper as said printing medium to be used for printing the image,

wherein the types of said printing media include a printing medium having the applicability relations with both said pigment ink and said dye ink, a printing medium having the applicability relation with said pigment ink but not having the applicability relation with said dye ink, and a printing medium having the applicability relation with said dye ink but not having the applicability relation with said pigment ink, as said reference information, two or more types of said printing media are displayed which having the applicability relation with the type of said ink

discriminated by said discrimination portion, and the type of said printing medium is not displayed which having no applicability relation with the type of said ink discriminated by said discrimination portion.

31 (CURRENTLY AMENDED): A method for selecting a printing medium from among a plurality of types of printing media, on which an image is printed, when printing the image by selectively using a plurality of types of printing materials, said method comprising the steps of:

discriminating the type of said printing material used for printing the image;

receiving a paper as a printing medium to be used for printing the image;

displaying, as reference information for selecting said printing medium on which the image is printed, the plurality of types of printing media adaptable to the type of said printing material discriminated by said discriminating step; [[and]]

selecting, from the plurality of types of said printing media displayed by said display portion, the type of said printing medium received at said receiving portion thereby validating the received paper as said printing medium to be used for printing the image;

issuing a warning when the type of said printing medium not adaptable to said type of said printing material discriminated is selected as said printing medium, on which the image is printed; and

determining the type of said printing medium, as a printing medium to be used for said printing, which is the type of said printing medium warned or the type of said printing medium which is not warned, the type of printing medium being reselected after issuance of said warning.

32 (CURRENTLY AMENDED): A program for selecting a printing medium from among a plurality of types of printing media, on which an image is printed, when printing the image by selectively using a pigment ink and a dye ink, said program comprising the processes executed by a computer of:

discriminating whether the type of said ink used for printing the image is said pigment ink or said dye ink; [[and]]

receiving a paper as a printing medium to be used for printing the image;

displaying reference information for selecting said printing medium on which the image is printed on the basis of the type of ink discriminated by said discriminating step[[,]]; and

selecting, from among two or more types of said printing media displayed, the type of said printing medium received at said receiving step thereby validating the received paper as said printing medium to be used for printing the image,

wherein the types of said printing media include a printing medium having the applicability relations with both said pigment ink and said dye ink, a printing medium having the applicability relation with said pigment ink but not having the applicability relation with said dye ink, and a printing medium having the applicability relation with said dye ink but not having the applicability relation with said pigment ink, as said reference information, two or more types of said printing media are displayed which having the applicability relation with the type of said ink discriminated by said discrimination portion, and the type of said printing medium is not displayed which having no applicability relation with the type of said ink discriminated by said discrimination portion.

33 (CURRENTLY AMENDED): A computer readable medium that stores program for selecting a printing medium from among a plurality of types of printing media, on which an image is printed, when printing the image by selectively using a plurality of types of printing materials, said program comprising the processes executed by a computer of:

discriminating the type of said printing material used for printing the image;

receiving a paper as a printing medium to be used for printing the image;

displaying, as reference information for selecting said printing medium on which the image is printed, the plurality of types of printing media adaptable to the type of said printing material discriminated by said discriminating step; [[and]]

selecting, from among two or more types of said printing media displayed, the type of said printing medium received at said receiving step thereby validating the received paper as said printing medium to be used for printing the image;

issuing a warning when the type of said printing medium not adaptable to said type of said printing material discriminated is selected as said printing medium, on which the image is printed; and

determining the type of said printing medium, as a printing medium to be used for said printing, which is the type of said printing medium warned or the type of said printing medium which is not warned, the type of printing medium being reselected after issuance of said warning.

34 (CURRENTLY AMENDED): A computer-readable storage medium storing the program for selecting a printing medium from among a plurality of types of printing media, on which an image is printed, when printing the image by selectively using a plurality of types of inks

including a pigment ink and a dye ink, said program comprising the processes executed by a computer of:

discriminating whether the type of said ink used for printing the image is said pigment ink or said dye ink; [[and]]

receiving a paper as a printing medium to be used for printing the image;

displaying reference information for selecting said printing medium on which the image is printed on the basis of the type of ink discriminated by said discriminating step[[.]];

selecting, from among two or more types of said printing media displayed, the type of said printing medium received at said receiving step thereby validating the received paper as said printing medium to be used for printing the image,

wherein the types of said printing media include a printing medium having the applicability relations with both said pigment ink and said dye ink, a printing medium having the applicability relation with said pigment ink but not having the applicability relation with said dye ink, and a printing medium having the applicability relation with said dye ink but not having the applicability relation with said pigment ink, as said reference information, two or more types of said printing media are displayed which having the applicability relation with the type of said ink discriminated by said discrimination portion, and the type of said printing medium is not displayed which having no applicability relation with the type of said ink discriminated by said discrimination portion.

35 (CURRENTLY AMENDED): A method for printing an image on printing media of a plurality of types by selectively using a pigment ink and dye ink, said method comprising the steps of:

discriminating whether the type of said ink used for printing the image is said pigment ink or said dye ink; [[and]]

receiving a paper as a printing medium to be used for printing the image;

displaying reference information on the basis of the type of ink discriminated by said discriminating step;

selecting the type of said printing medium received at said receiving step thereby validating the received paper as said printing medium on which the image is printed on the basis of the reference information; and

effecting printing on said printing medium selected by said selecting step,

wherein the types of said printing media include a printing medium having the applicability relations with both said pigment ink and said dye ink, a printing medium having the applicability relation with said pigment ink but not having the applicability relation with said dye ink, and a printing medium having the applicability relation with said dye ink but not having the applicability relation with said pigment ink, as said reference information, two or more types of said printing media are displayed which having the applicability relation with the type of said ink discriminated by said discrimination portion, and the type of said printing medium is not displayed which having no applicability relation with the type of said ink discriminated by said discrimination portion.

36 (New): A printing apparatus according to claim 26,

wherein said printing medium having the applicability relations with both said pigment ink and said dye ink includes a gross paper,

wherein said printing medium having the applicability relation with said pigment ink but not having the applicability relation with said dye ink includes a synthetic paper, and

wherein said printing medium having the applicability relation with said dye ink but not having the applicability relation with said pigment ink includes a back print film.

37 (New): A printing system according to claim 29,

wherein said printing medium having the applicability relations with both said pigment ink and said dye ink includes a gross paper,

wherein said printing medium having the applicability relation with said pigment ink but not having the applicability relation with said dye ink includes a synthetic paper, and

wherein said printing medium having the applicability relation with said dye ink but not having the applicability relation with said pigment ink includes a back print film.

38 (New): A method according to claim 30,

wherein said printing medium having the applicability relations with both said pigment ink and said dye ink includes a gross paper,

wherein said printing medium having the applicability relation with said pigment ink but not having the applicability relation with said dye ink includes a synthetic paper, and

wherein said printing medium having the applicability relation with said dye ink but not having the applicability relation with said pigment ink includes a back print film.

39 (New): A program according to claim 32,

wherein said printing medium having the applicability relations with both said pigment ink and said dye ink includes a gross paper,

wherein said printing medium having the applicability relation with said pigment ink but not having the applicability relation with said dye ink includes a synthetic paper, and

wherein said printing medium having the applicability relation with said dye ink but not having the applicability relation with said pigment ink includes a back print film.

40 (New): A computer-readable storage medium according to claim 34,

wherein said printing medium having the applicability relations with both said pigment ink and said dye ink includes a gross paper,

wherein said printing medium having the applicability relation with said pigment ink but not having the applicability relation with said dye ink includes a synthetic paper, and

wherein said printing medium having the applicability relation with said dye ink but not having the applicability relation with said pigment ink includes a back print film.

41 (New): A method according to claim 35,

wherein said printing medium having the applicability relations with both said pigment ink and said dye ink includes a gross paper,

wherein said printing medium having the applicability relation with said pigment ink but not having the applicability relation with said dye ink includes a synthetic paper, and

wherein said printing medium having the applicability relation with said dye ink but not having the applicability relation with said pigment ink includes a back print film.